

Please amend the application as follows:

IN THE DRAWINGS

Please cancel the drawings as filed and replace them with the Substitute Drawings attached hereto as Exhibit 1.

IN THE SPECIFICATION

Please amend the specification as follows:

N.E. On page 8, insert the following paragraph after the paragraph ending on line 14 and before the Table beginning on line 15:

--The subject cultures listed below have been deposited at the American Type Culture Collection (ATCC), located at 12301 Parklawn Dr., Rockville, MD 20852, U.S.A.--

IN THE CLAIMS

In accordance with amendment practice pursuant to Rule 1.121(c)(1)(i), please enter the "clean" set of "rewritten claims" set forth below. A "marked up" version of the amended claims is attached hereto as Exhibit 2 pursuant to Rule 1.121(c)(1)(ii).

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1. (Twice amended) A method of producing a biotin vitamer by:
- C' (a) culturing a bacterium comprising a lysine-utilizing diaminopelargonic acid (DAPA) aminotransferase, said culturing taking place in an environment